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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 OCT 23 The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded  
NEWS 4 OCT 30 CHEMLIST enhanced with new search and display field  
NEWS 5 NOV 03 JAPIO enhanced with IPC 8 features and functionality  
NEWS 6 NOV 10 CA/CAplus F-Term thesaurus enhanced  
NEWS 7 NOV 10 STN Express with Discover! free maintenance release Version 8.01c now available  
NEWS 8 NOV 20 CAS Registry Number crossover limit increased to 300,000 in additional databases  
NEWS 9 NOV 20 CA/CAplus to MARPAT accession number crossover limit increased to 50,000  
NEWS 10 DEC 01 CAS REGISTRY updated with new ambiguity codes  
NEWS 11 DEC 11 CAS REGISTRY chemical nomenclature enhanced  
NEWS 12 DEC 14 WPIDS/WPINDEX/WPIX manual codes updated  
NEWS 13 DEC 14 GBFULL and FRFULL enhanced with IPC 8 features and functionality  
NEWS 14 DEC 18 CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role  
NEWS 15 DEC 18 CA/CAplus patent kind codes updated  
NEWS 16 DEC 18 MARPAT to CA/CAplus accession number crossover limit increased to 50,000  
NEWS 17 DEC 18 MEDLINE updated in preparation for 2007 reload  
NEWS 18 DEC 27 CA/CAplus enhanced with more pre-1907 records  
NEWS 19 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals  
NEWS 20 JAN 16 CA/CAplus Company Name Thesaurus enhanced and reloaded  
NEWS 21 JAN 16 IPC version 2007.01 thesaurus available on STN  
NEWS 22 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8  
NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 16 JAN 2007 HIGHEST RN 917560-96-4  
DICTIONARY FILE UPDATES: 16 JAN 2007 HIGHEST RN 917560-96-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

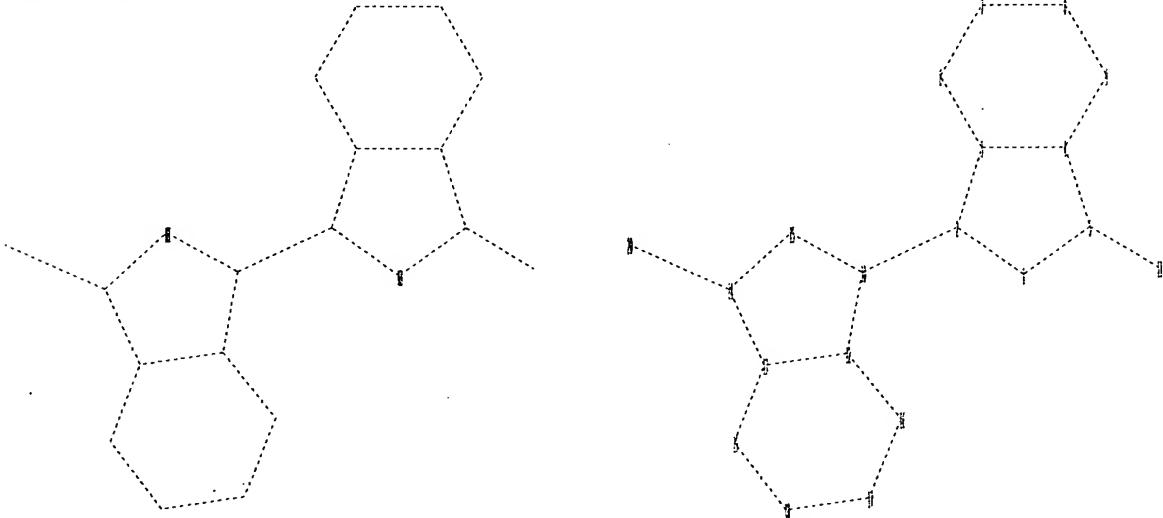
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> Uploading C:\Program Files\Stnexp\Queries\10542529\Struc 4.str



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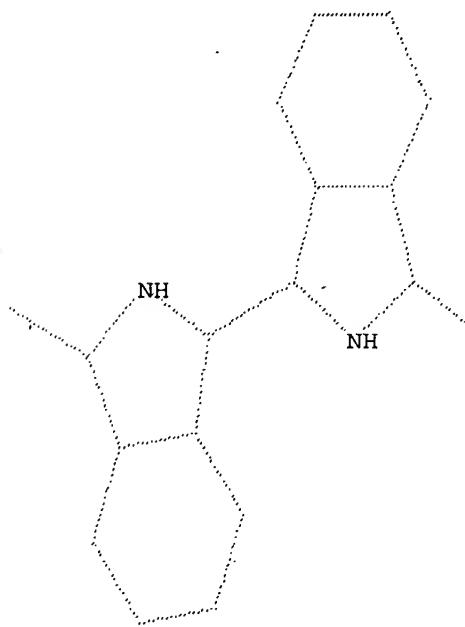
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chain nodes :  
11 20  
ring nodes :  
1 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17 18 19  
chain bonds :  
2-10 5-11 14-20  
ring bonds :  
1-2 1-5 2-3 3-4 3-6 4-5 4-9 6-7 7-8 8-9 10-12 10-15 12-13 12-16 13-14  
13-19 14-15 16-17 17-18 18-19  
exact/norm bonds :  
1-2 1-5 2-3 2-10 3-4 3-6 4-5 4-9 5-11 6-7 7-8 8-9 10-12 10-15 12-13  
12-16 13-14 13-19 14-15 14-20 16-17 17-18 18-19
```

Match level :

```
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom  
20:Atom
```

L1 STRUCTURE UPLOADED

```
=> d  
L1 HAS NO ANSWERS  
L1 STR
```



Structure attributes must be viewed using STN Express query preparation.

```
=> l1  
SAMPLE SEARCH INITIATED 15:30:41 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 493 TO ITERATE
```

100.0% PROCESSED 493 ITERATIONS 0 ANSWERS

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SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 8528 TO 11192  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> l1 full  
FULL SEARCH INITIATED 15:30:44 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 10176 TO ITERATE

100.0% PROCESSED 10176 ITERATIONS 3 ANSWERS  
SEARCH TIME: 00.00.01

L3 3 SEA SSS FUL L1

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 172.10 172.31

FILE 'CAPLUS' ENTERED AT 15:30:48 ON 17 JAN 2007  
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FILE COVERS 1907 - 17 Jan 2007 VOL 146 ISS 4  
FILE LAST UPDATED: 16 Jan 2007 (20070116/ED)

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=> l3  
L4 3 L3

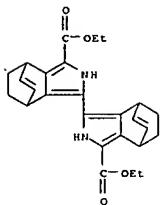
=> d ibib abs hitstr 1-3

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L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2004:15235 CAPLUS  
 DOCUMENT NUMBER: 140:181240  
 TITLE: A new synthesis of mono- and dibenzosapphyrins  
 AUTHOR(S): Ono, Noboru; Kuroki, Kenji; Watanabe, Eriko; Ochi, Naoyuki; Uno, Hidemitsu  
 CORPORATE SOURCE: Department of Chemistry, Faculty of Science, Ehime University, Matsuyama, 790-8577, Japan  
 SOURCE: Heterocycles (2004), 62, 365-373  
 CODEN: HTCYAM; ISSN: 0385-5414  
 PUBLISHER: Japan Institute of Heterocyclic Chemistry  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 140:181240  
 GI

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Sapphyrins fused with mono-bicyclo[2.2.2]octadiene (BCOD) and di-BCOD units, e.g. I-2 HCl, were prepared and converted into the corresponding mono- and dibenzosapphyrins, e.g. II-2 HCl, by heating at 200 °C. The UV-Vis spectra of mono- and dibenzosapphyrins reveals that the Soret bands are red shifted by 10-20 nm by introduction of fused benzene rings, but Q bands are not much affected.  
 IT 658709-84-3P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (new synthesis of mono- and dibenzosapphyrins)  
 RN 658709-84-3 CAPLUS  
 CN [1,1'-Bi-4,7-ethano-2H-isindole]-3,3'-dicarboxylic acid, 4,4',7,7'-tetrahydro-, diethyl ester (9CI) (CA INDEX NAME)



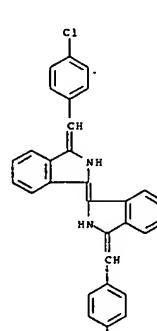
REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2001:85158 CAPLUS  
 DOCUMENT NUMBER: 134:266671  
 TITLE: Synthesis and properties of polypyrrole annelated with bicyclo[2.2.2]octene units  
 AUTHOR(S): Ito, S.; Watanabe, H.; Uno, H.; Murashima, T.; Ono, N.; Tsai, Y. C.; Compton, R. G.  
 CORPORATE SOURCE: Faculty of Science, Department of Chemistry, Ehime University, Matsuyama, 790-8577, Japan  
 SOURCE: Tetrahedron Letters (2001), 42(4), 707-710  
 CODEN: TELEAY; ISSN: 0040-4039  
 PUBLISHER: Elsevier Science Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 AB Polypyrrole annelated with bicyclo[2.2.2]octene provides a new material that possesses a raised HOMO band, extended conjugation and a rigid porous structure.  
 IT 33215)-04-9  
 RL: PRP (Properties)  
 (synthesis and properties of polypyrrole annelated with bicyclo[2.2.2]octene units)  
 RN 33215)-04-9 CAPLUS  
 CN [1,1'-Bi-4,7-ethano-2H-isindole]-3,3'-dicarboxylic acid, 4,4',5,5',6,6',7,7'-octahydro-, diethyl ester (9CI) (CA INDEX NAME)

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1972:3624 CAPLUS  
 DOCUMENT NUMBER: 76:3624  
 TITLE: Halo pyrroles  
 AUTHOR(S): Messerschmitt, Thilo; Von Specht, Ulrich; Von Dobeneck, Henning  
 CORPORATE SOURCE: Org. Chem. Lab., Tech. Univ. Muenchen, Munich, Fed. Rep. Ger.  
 SOURCE: Justus Liebigs Annalen der Chemie (1971), 751, 50-9  
 CODEN: JLACBF; ISSN: 0075-4617  
 DOCUMENT TYPE: Journal  
 LANGUAGE: German  
 GI For diagram(s), see printed CA Issue.  
 AB Reaction of 1-methyl-3-hydroxy-4-(ethoxycarbonyl)-5-phenyl-3-pyrrolin-2-one with POCl<sub>3</sub> and PhNMe<sub>2</sub> gave 1-methyl-2-chloro-3-[4-(dimethylaminophenyl)-4-(ethoxycarbonyl)-5-phenylpyrrole (I). Reaction of 3-(4-chlorobenzyl)-phthalimidine with POCl<sub>3</sub> gave 1,1'-bi[3-(4-chlorobenzylidene)-isoindolinylidene] (II). Reaction of 5-methyl-4-(ethoxycarbonyl)-4-indolin-2-one with POBr<sub>3</sub> in DMF at -20° gave 5-methyl-4-(ethoxycarbonyl)-3-(N,N-dimethylaminomethylene)-4-pyrrolin-2-one (III). Reaction of 3,4-dimethyl-5-(4-chlorobenzylidene)-2-pyrrolinone with PCl<sub>5</sub> gave 3,4-dimethyl-5-[4-(4-chlorophenyl)chloromethylene]-2-pyrrolinone (IV). Vilameier reaction of 4-methyl-3-ethyl-2-pyrrolinone gave 2-acetyl-3-methyl-4-ethyl-5-chloropyrrole.  
 IT 34462-80-1P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)  
 RN 34462-80-1 CAPLUS  
 CN 1H-Isindole, 1-[(4-chlorophenyl)methylene]-3-[3-[(4-chlorophenyl)methylene]-2,3-dihydro-1H-isindol-1-ylidene]-2,3-dihydro- (9CI) (CA INDEX NAME)



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L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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=> log h  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
16.28	188.59

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)  
CA SUBSCRIBER PRICE

SINCE FILE ENTRY	TOTAL SESSION
-2.34	-2.34

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